Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Topic: Bacterial Transformation Score: \_\_\_\_\_\_\_\_/20 pts

**AP Biology Mini Poster Checklist**

**Informative Title: \_\_\_\_\_\_\_/1 pt**

**Abstract: \_\_\_\_\_\_\_/3 pts**

Summarize the problem addressed, why the problem was addressed, your approach to the problem, and the major findings and conclusions of your study.

This can be the most difficult part of the report to write well; it summarizes the entire report, so save it for last.

You should mention *E. coli*, pUC19 (and the genes found on it).

**Predictions with explanations: \_\_\_\_\_\_\_/2 pts**

**Materials and Methods: \_\_\_\_\_\_\_/3 pts**

Your reminder of what you did and also serves as a reminder for anyone wishing to repeat your experiment.

Include the major materials (ex. pUC19) and major steps. Don’t have to write every detail but should clearly express the overall process.

**Results: \_\_\_\_\_\_\_/2 pts**

What were the major findings of the study? Present the data or summarize your observations a table table; include the pictures

Avoid interpreting the data in this section.

**Discussion: \_\_\_\_\_\_\_/3 pts**

How do your results relate to the goals of the study, as stated in the Introduction, and how do they relate to the results that might have been expected from background information obtained in lectures, textbooks, or outside reading?

Do your results support or argue against your predictions?

**Real-world application: \_\_\_\_\_\_\_\_\_\_/4 pts**

How is bacterial transformation used in real-life? How is the transformation used in real-life more complex than the transformation we did (hint: recombinant DNA)?

What is blue-white screening? How is it often used in real-life?

**Literature Cited: \_\_\_\_\_\_\_/1 pt**

Aesthetics: \_\_\_\_\_\_\_/ 1 pt

Is the poster neat, organized, easy-to-read, consistent in formatting, etc.?

**Abstract**

**Predictions**

**Materials and Methods**

**Results**

**Discussion**

**Real-world Application**

Literature Cited

**Abstract**

**Predictions**

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